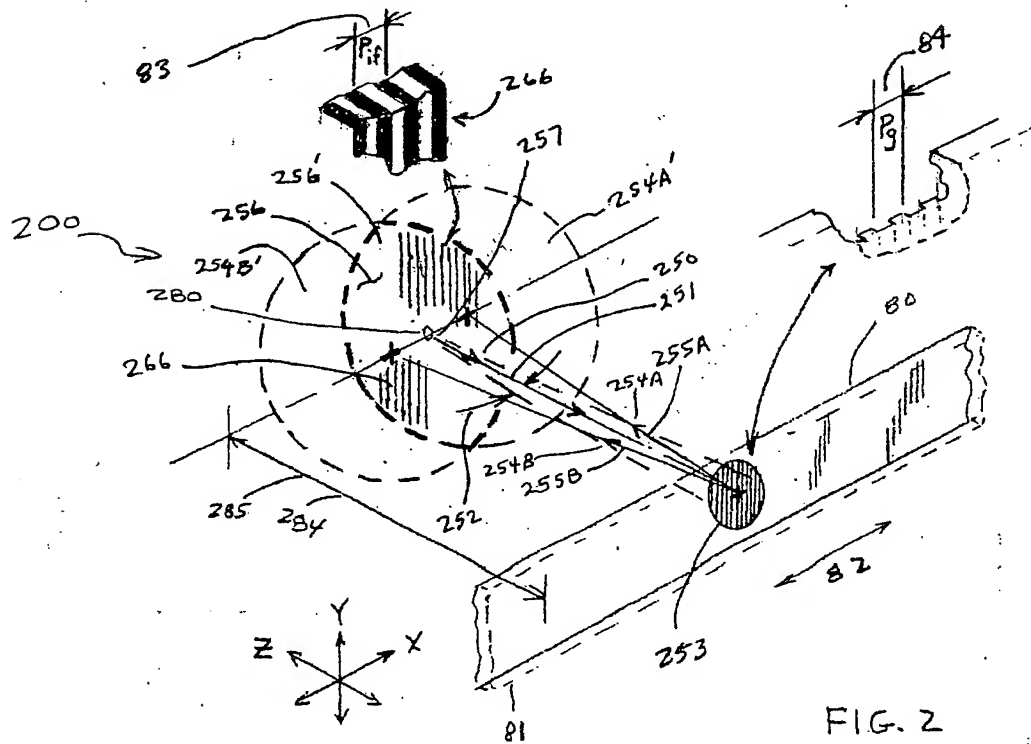
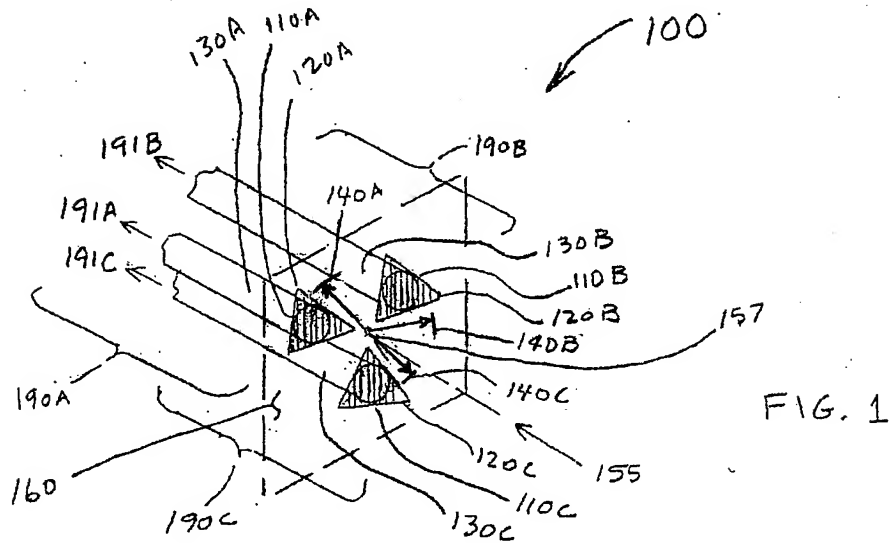
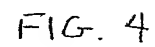
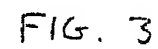


Title: INTERFEROMETRIC MINIATURE GRATING
ENCODER READHEAD USING FIBER OPTIC RECEIVER
CHANNELS

Inventor: J.D. Tobiason
Docket No.: MEIP120131



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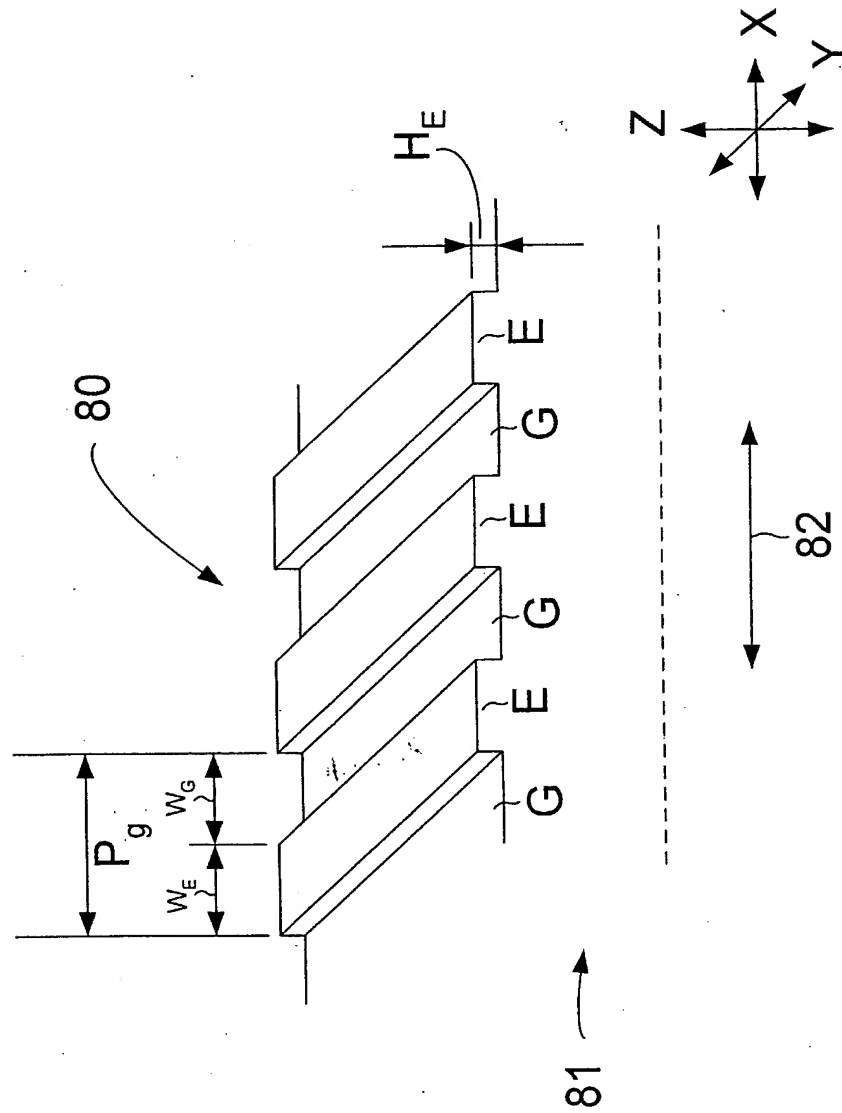


Fig. 5

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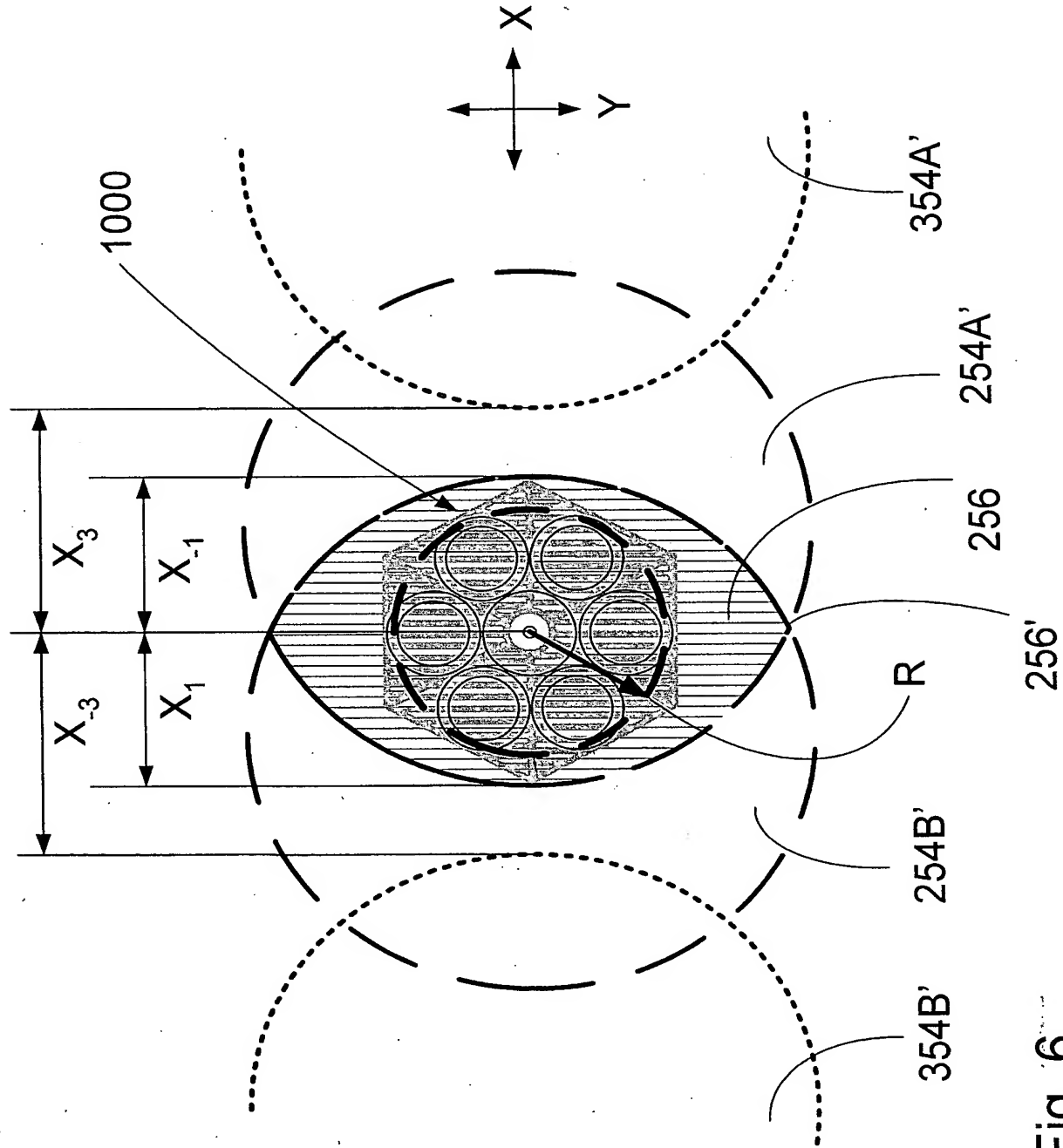


Fig. 6

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Minimum Operating Gap vs. Detector Outer Radius
for various Source Light Divergence Angles
(wavelength = 635nm, grating pitch = 4um)

600

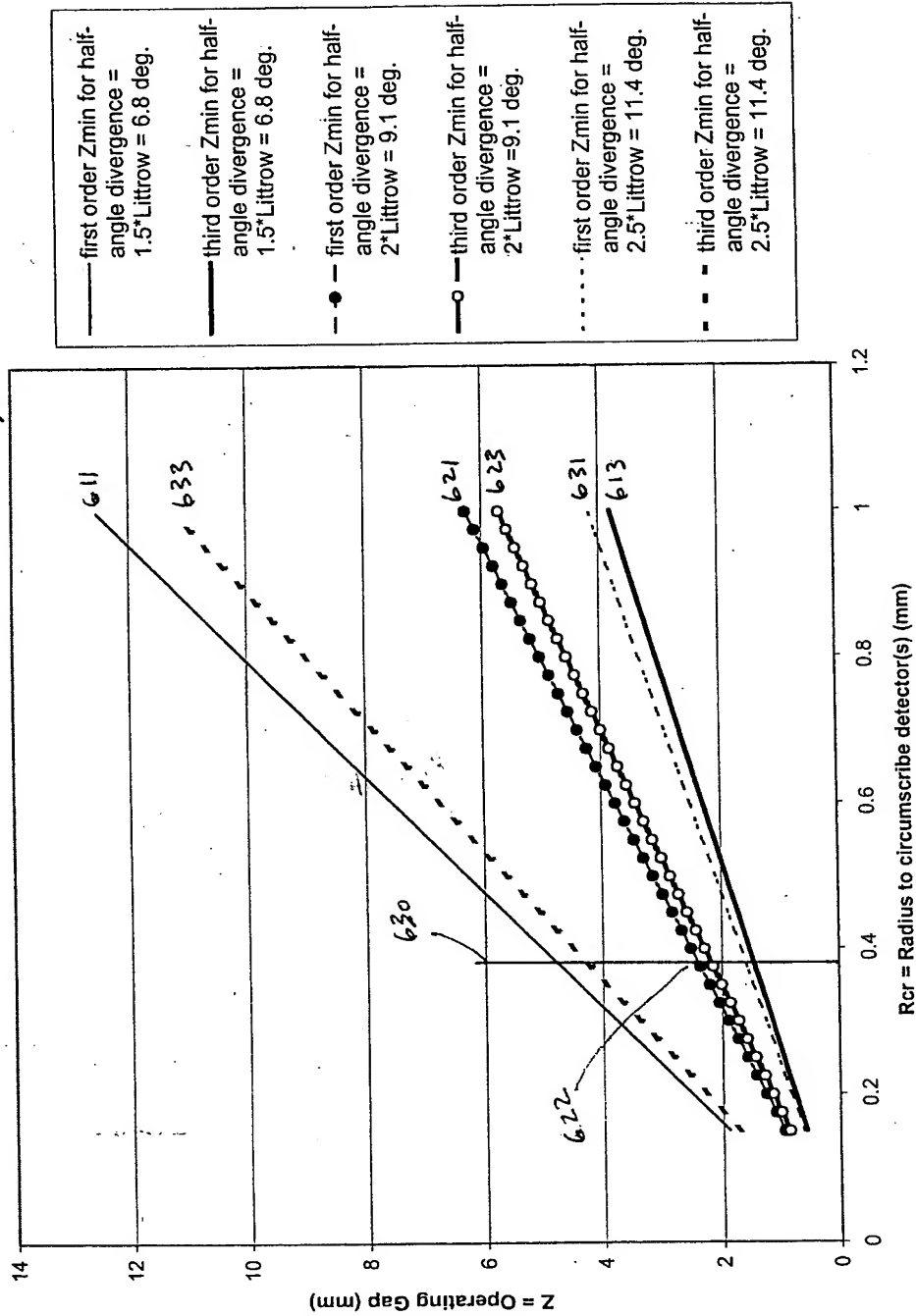
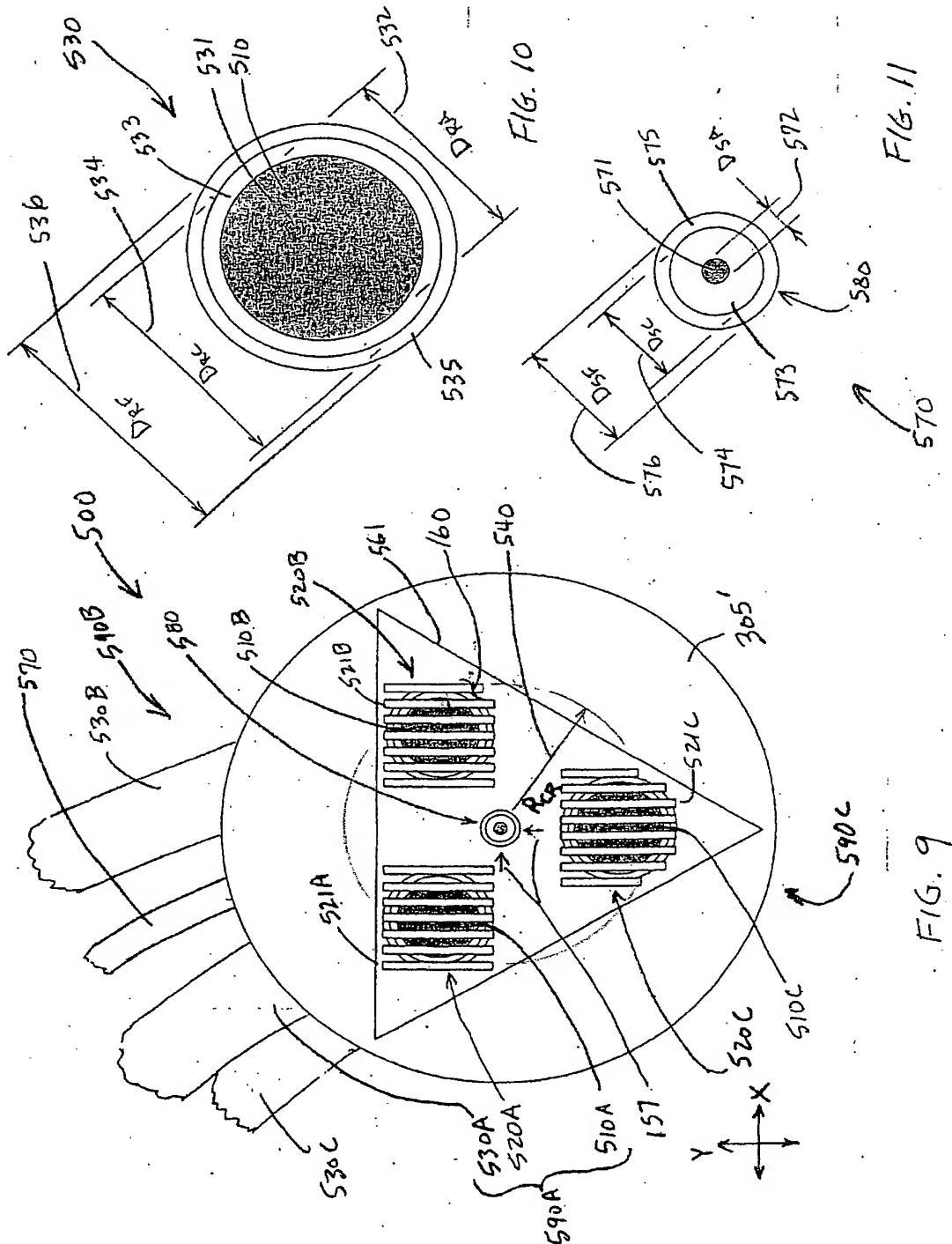


FIG. 8

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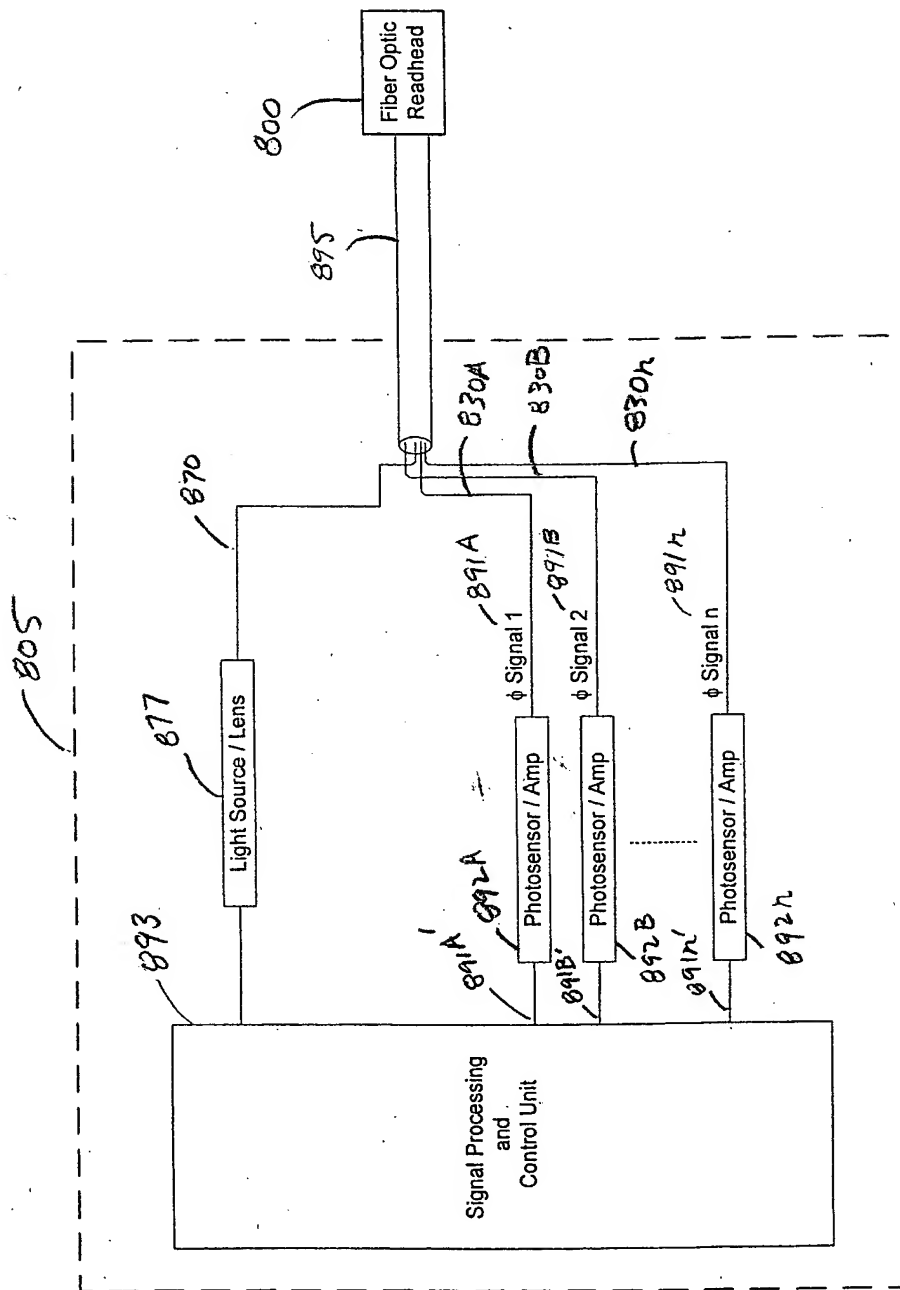
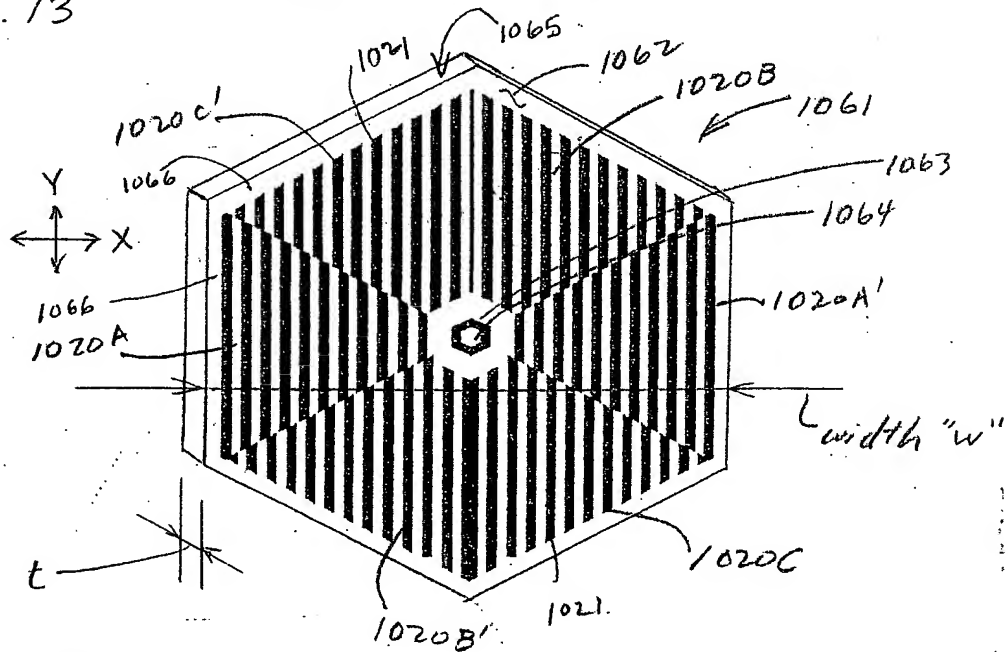
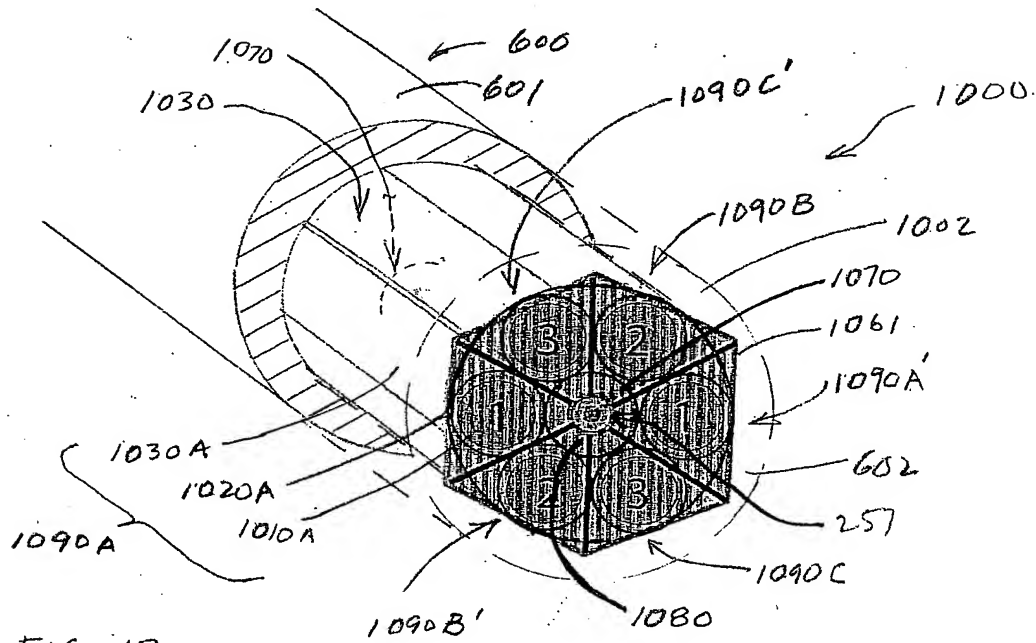


FIG. 12

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FIG. 15

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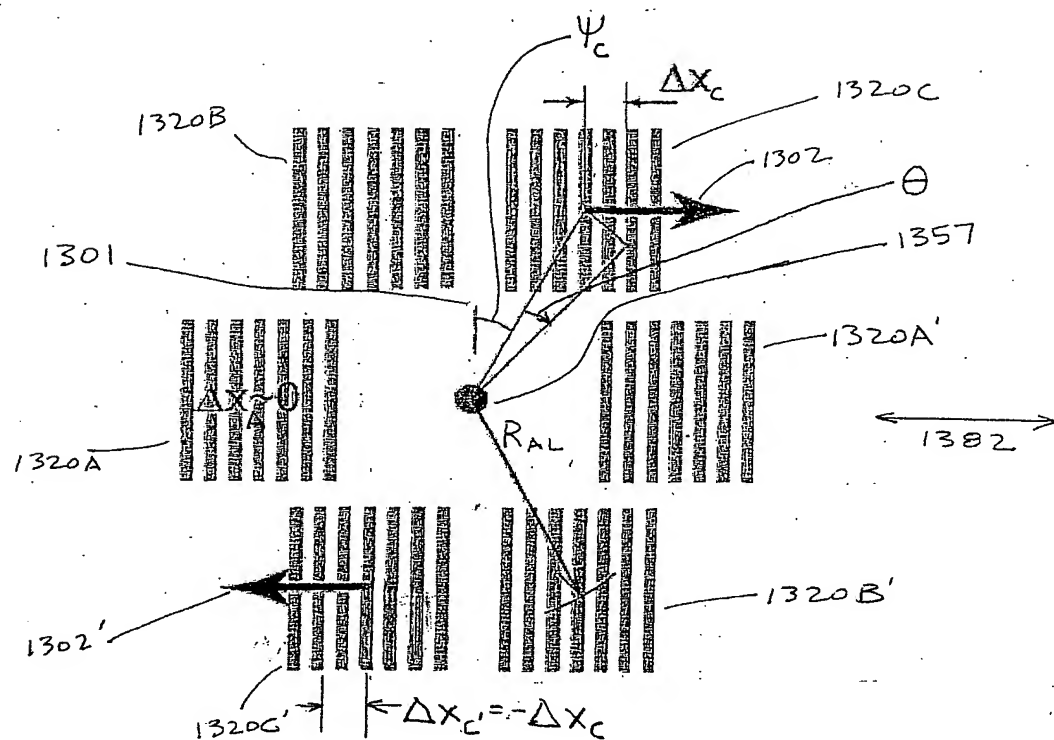
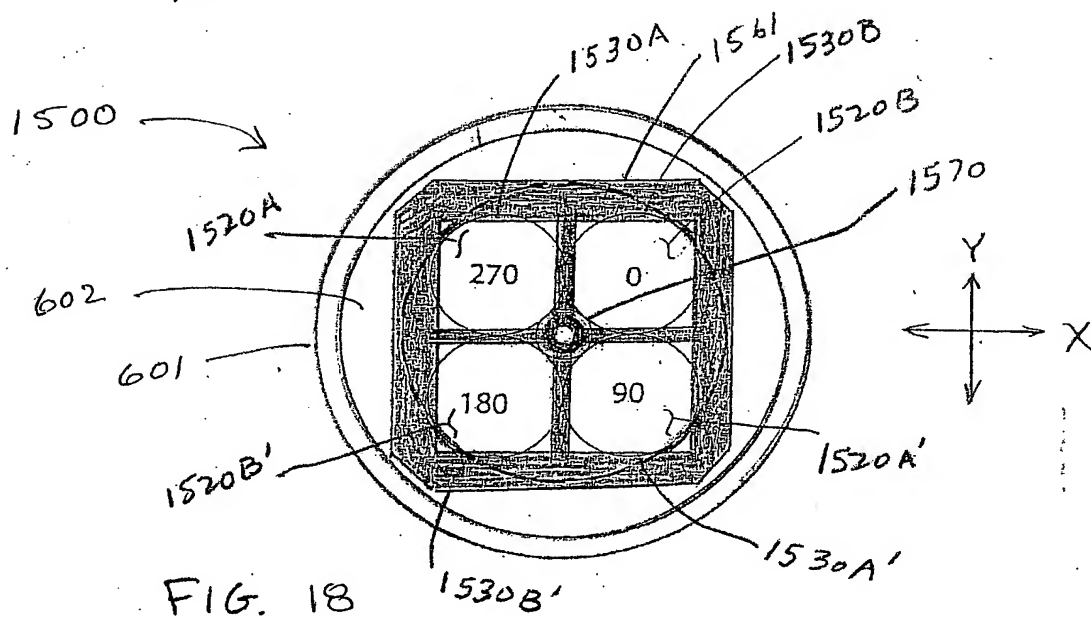
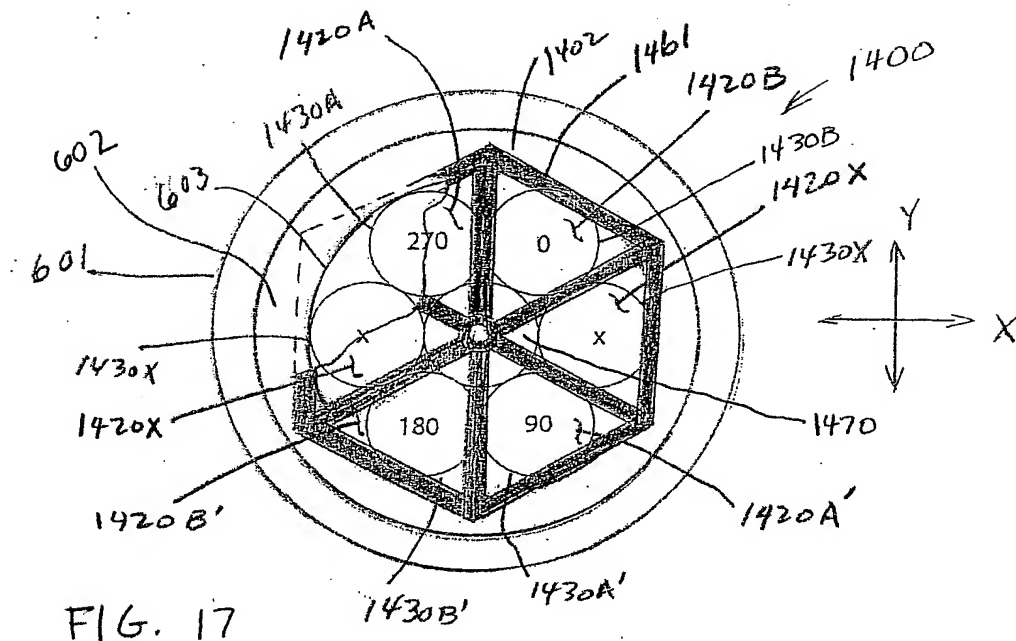


FIG. 16

Title: INTERFEROMETRIC MINIATURE GRATING
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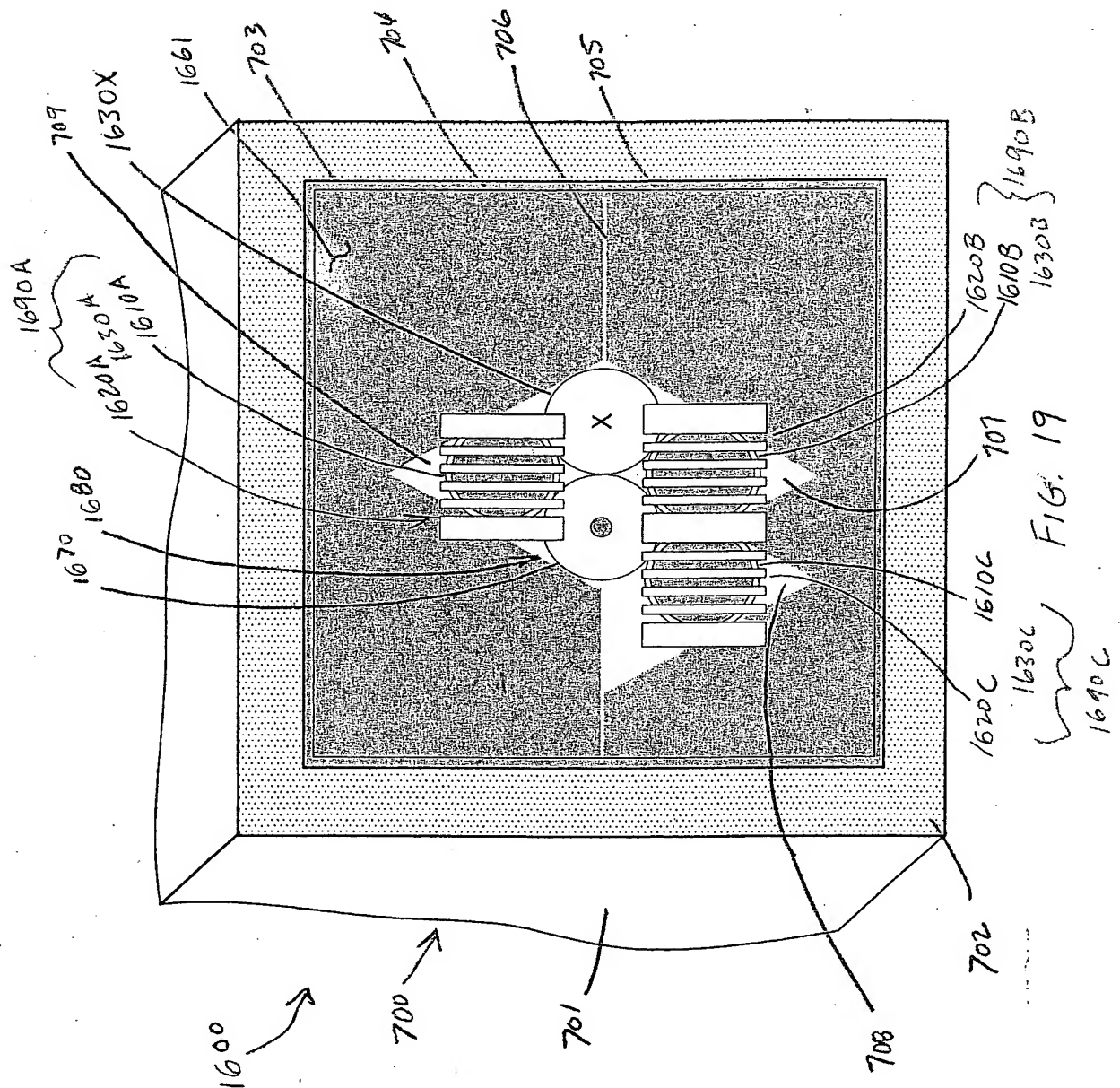
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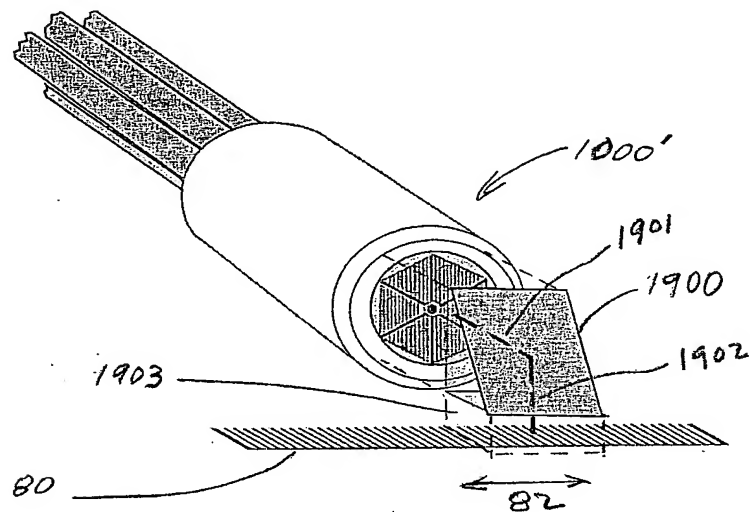


FIG. 20A

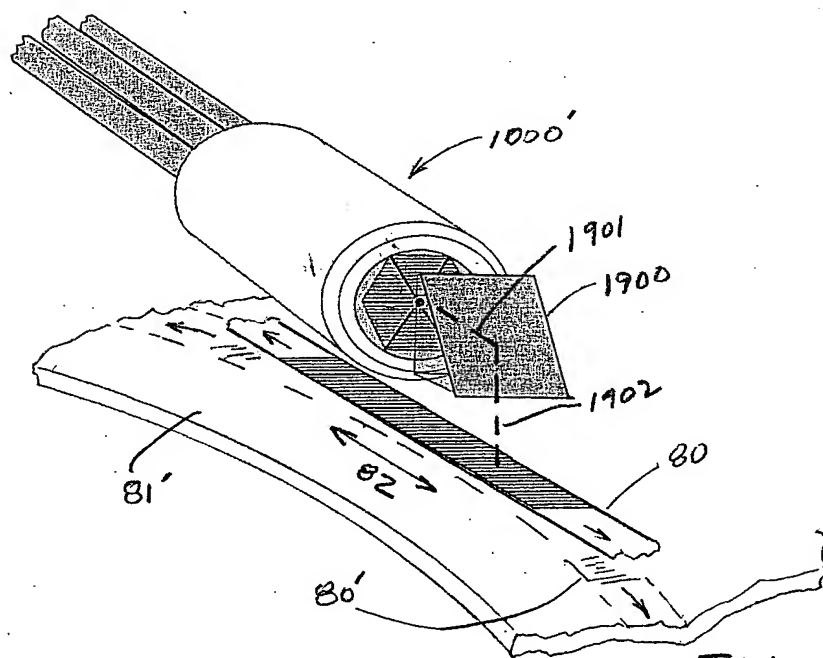


FIG. 20B

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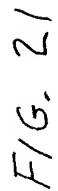


FIG. 21